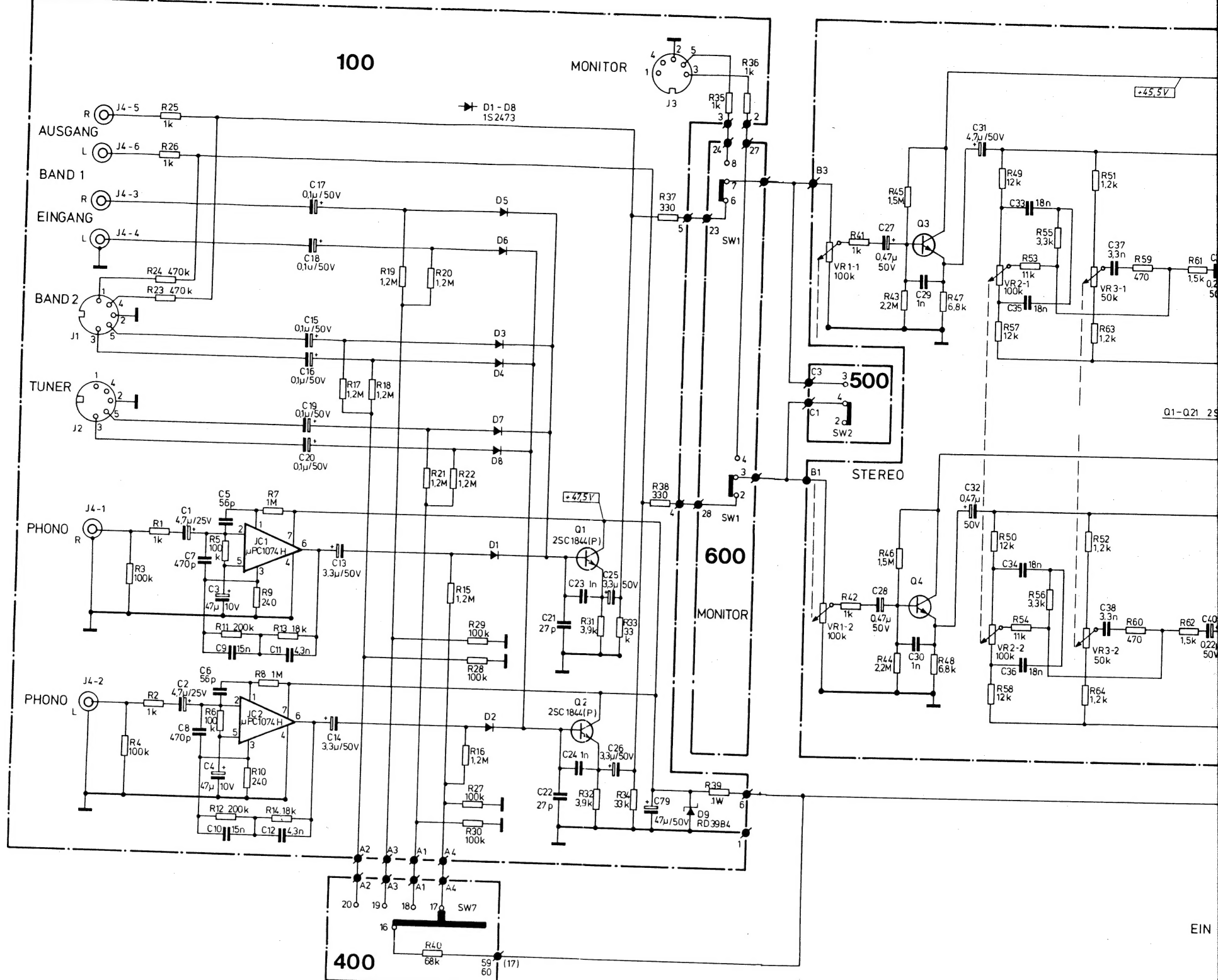
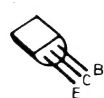
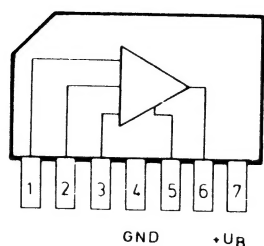


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A	351 A	353 A	355 A	357 A	359 A	361 A	363 A	365 A	367 A	369 A	371 A	373 A	375 A	377 A	379 A	381 A	383 A	385 A	387 A	389 A	391 A	393 A	395 A	397 A	399 A	401 A	403 A	405 A	407 A	409 A	411 A	413 A	415 A	417 A	419 A	421 A	423 A	425 A	427 A	429 A	431 A	433 A	435 A	437 A	439 A	441 A	443 A	445 A	447 A	449 A	451 A	453 A	455 A	457 A	459 A	461 A	463 A	465 A	467 A	469 A	471 A	473 A	475 A	477 A	479 A	481 A	483 A	485 A	487 A	489 A	491 A	493 A	495 A	497 A	499 A	501 A	503 A	505 A	507 A	509 A	511 A	513 A	515 A	517 A	519 A	521 A	523 A	525 A	527 A	529 A	531 A	533 A	535 A	537 A	539 A	541 A	543 A	545 A	547 A	549 A	551 A	553 A	555 A	557 A	559 A	561 A	563 A	565 A	567 A	569 A	571 A	573 A	575 A	577 A	579 A	581 A	583 A	585 A	587 A	589 A	591 A	593 A	595 A	597 A	599 A	601 A	603 A	605 A	607 A	609 A	611 A	613 A	615 A	617 A	619 A	621 A	623 A	625 A	627 A	629 A	631 A	633 A	635 A	637 A	639 A	641 A	643 A	645 A	647 A	649 A	651 A	653 A	655 A	657 A	659 A	661 A	663 A	665 A	667 A	669 A	671 A	673 A	675 A	677 A	679 A	681 A	683 A	685 A	687 A	689 A	691 A	693 A	695 A	697 A	699 A	701 A	703 A	705 A	707 A	709 A	711 A	713 A	715 A	717 A	719 A	721 A	723 A	725 A	727 A	729 A	731 A	733 A	735 A	737 A	739 A	741 A	743 A	745 A	747 A	749 A	751 A	753 A	755 A	757 A	759 A	761 A	763 A	765 A	767 A	769 A	771 A	773 A	775 A	777 A	779 A	781 A	783 A	785 A	787 A	789 A	791 A	793 A	795 A	797 A	799 A	801 A	803 A	805 A	807 A	809 A	811 A	813 A	815 A	817 A	819 A	821 A	823 A	825 A	827 A	829 A	831 A	833 A	835 A	837 A	839 A	841 A	843 A	845 A	847 A	849 A	851 A	853 A	855 A	857 A	859 A	861 A	863 A	865 A	867 A	869 A	871 A	873 A	875 A	877 A	879 A	881 A	883 A	885 A	887 A	889 A	891 A	893 A	895 A	897 A	899 A	901 A	903 A	905 A	907 A	909 A	911 A	913 A	915 A	917 A	919 A	921 A	923 A	925 A	927 A	929 A	931 A	933 A	935 A	937 A	939 A	941 A	943 A	945 A	947 A	949 A	951 A	953 A	955 A	957 A	959 A	961 A	963 A	965 A	967 A	969 A	971 A	973 A	975 A	977 A	979 A	981 A	983 A	985 A	987 A	989 A	991 A	993 A	995 A	997 A	999 A	1001 A	1003 A	1005 A	1007 A	1009 A	1011 A	1013 A	1015 A	1017 A	1019 A	1021 A	1023 A	1025 A	1027 A	1029 A	1031 A	1033 A	1035 A	1037 A	1039 A	1041 A	1043 A	1045 A	1047 A	1049 A	1051 A	1053 A	1055 A	1057 A	1059 A	1061 A	1063 A	1065 A	1067 A	1069 A	1071 A	1073 A	1075 A	1077 A	1079 A	1081 A	1083 A	1085 A	1087 A	1089 A	1091 A	1093 A	1095 A	1097 A	1099 A	1101 A	1103 A	1105 A	1107 A	1109 A	1111 A	1113 A	1115 A	1117 A	1119 A	1121 A	1123 A	1125 A	1127 A	1129 A	1131 A	1133 A	1135 A	1137 A	1139 A	1141 A	1143 A	1145 A	1147 A	1149 A	1151 A	1153 A	1155 A	1157 A	1159 A	1161 A	1163 A	1165 A	1167 A	1169 A	1171 A	1173 A	1175 A	1177 A	1179 A	1181 A	1183 A	1185 A	1187 A	1189 A	1191 A	1193 A	1195 A	1197 A	1199 A	1201 A	1203 A	1205 A	1207 A	1209 A	1211 A	1213 A	1215 A	1217 A	1219 A	1221 A	1223 A	1225 A	1227 A	1229 A	1231 A	1233 A	1235 A	1237 A	1239 A	1241 A	1243 A	1245 A	1247 A	1249 A	1251 A	1253 A	1255 A	1257 A	1259 A	1261 A	1263 A	1265 A	1267 A	1269 A	1271 A	1273 A	1275 A	1277 A	1279 A	1281 A	1283 A	1285 A	1287 A	1289 A	1291 A	1293 A	1295 A	1297 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A	1871 A	1873 A	1875 A	1877 A	1879 A	1881 A	1883 A	1885 A	1887 A	1889 A	1891 A	1893 A	1895 A	1897 A	1899 A	1901 A	1903 A	1905 A	1907 A	1909 A	1911 A	1913 A	1915 A	1917 A	1919 A	1921 A	1923 A	1925 A	1927 A	1929 A	1931 A	1933 A	1935 A	1937 A	1939 A	1941 A	1943 A	1945 A	1947 A	1949 A	1951 A	1953 A	1955 A	1957 A	1959 A	1961 A	1963 A	1965 A	1967 A	1969 A	1971 A	1973 A	1975 A	1977 A	1979 A	1981 A	1983 A	1985 A	1987 A	1989 A	1991 A	1993 A	19
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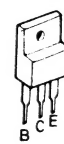


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C	4 26 1 B3 B4 B1	6 12 10 8 14 C3 C3 C3 C3 D3			21 15 28 30 C6 D1 C4 C6	32 D6	38 D6	39 E2	42 D1	46 44 48 D1 D2 D2	50 58 54 56 D4 D5 D5 D5	52 64 E3 D5	60 D3	62 D3	66 C3
Q	24 2 B5 B3				40 16 A1 C1										
D															

IC 1,2  
μPC 1024H

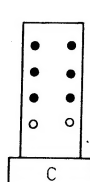
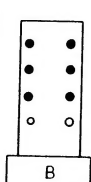
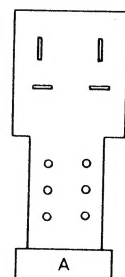


2 SA 733  
2 SA 991  
2 SC 945  
2 SC 1844



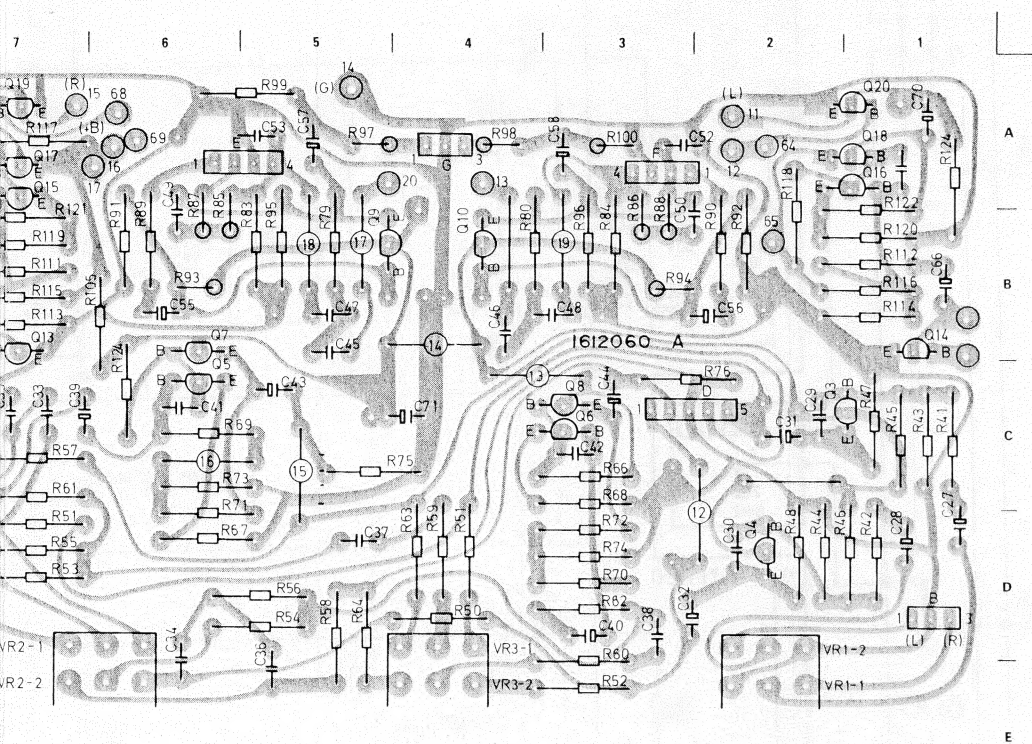
2 SD 288

Wir behalten uns die Lieferung von Äquivalenttypen und von abweichenden Sockelschaltungen der Transistoren vor.

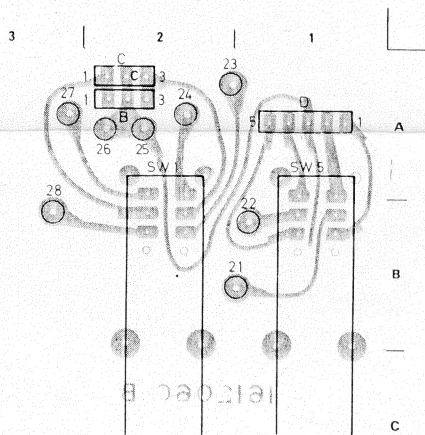


EIN MONITOR BETRIEBS  
SW601 SW1 SW2

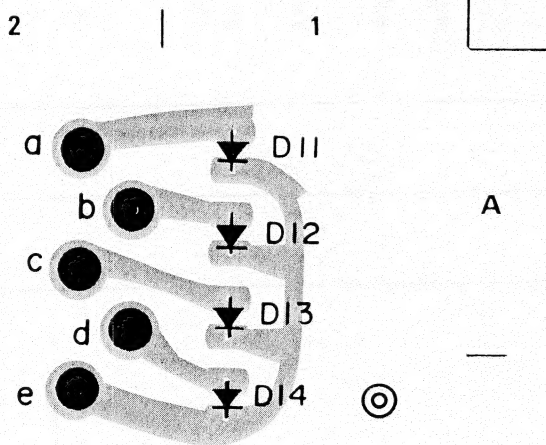




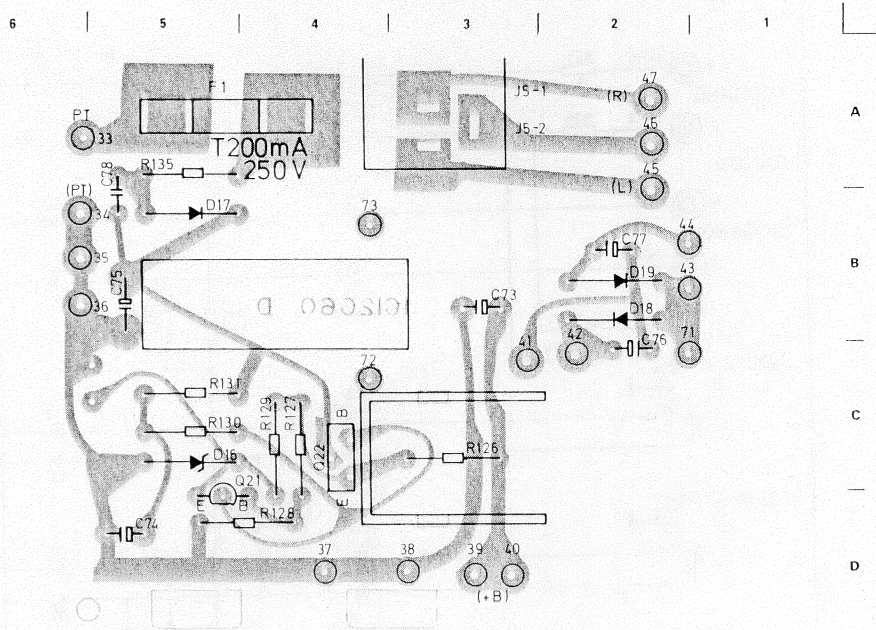
**Tonregelung und  
Ausgangsverstärker**



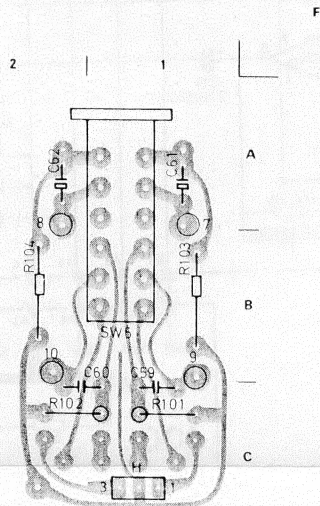
**600 Monitor und Klangeinstel-  
lung**



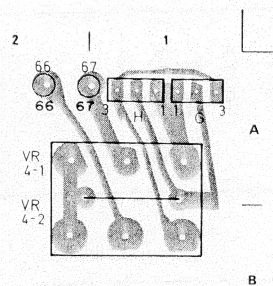
**1000 Programmanzeige**



**300 Netzteil**



**700 Loudness**



**800 Lautstärke**

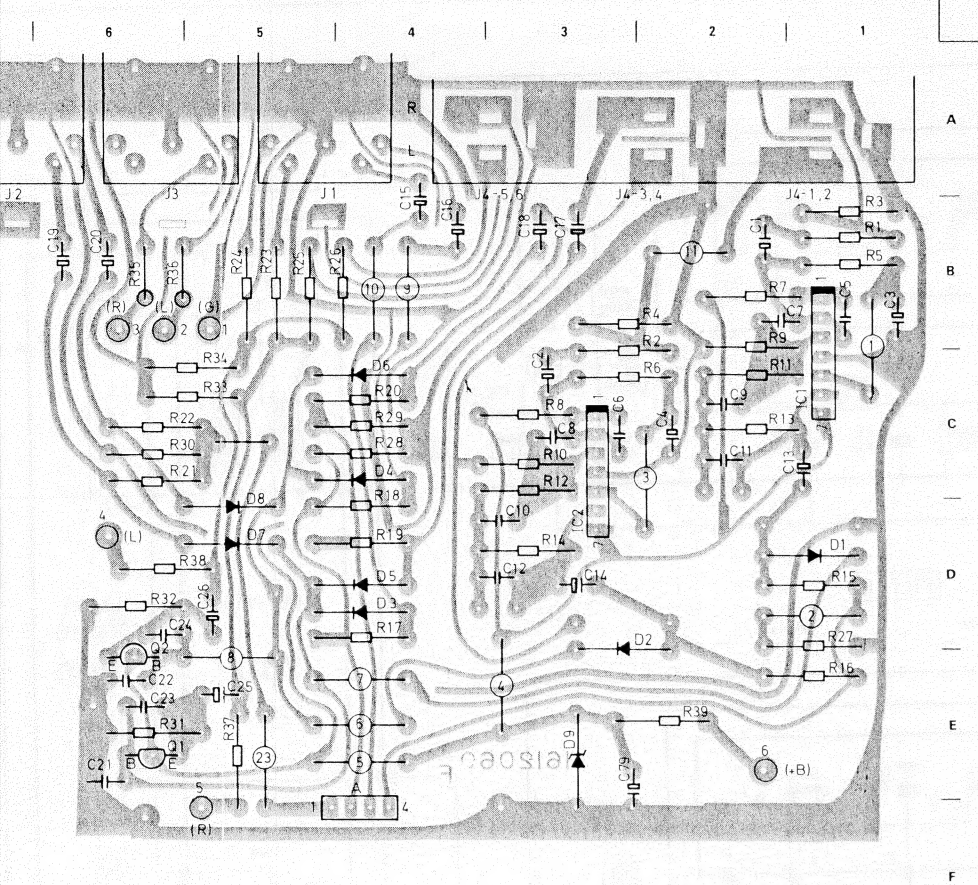
**UHER**

**VG 830 stereo**

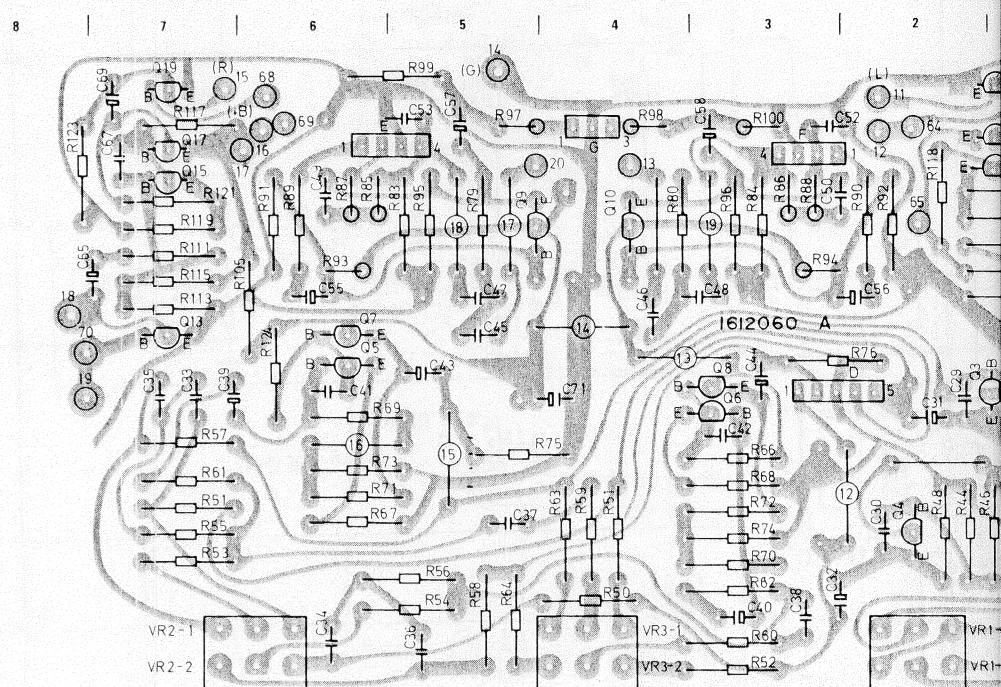
**Funktionsbeschreibung  
Ansicht der Bestückungsseiten**

Gültig ab Gerät Nr.: 18301001  
Änderungen vorbehalten!

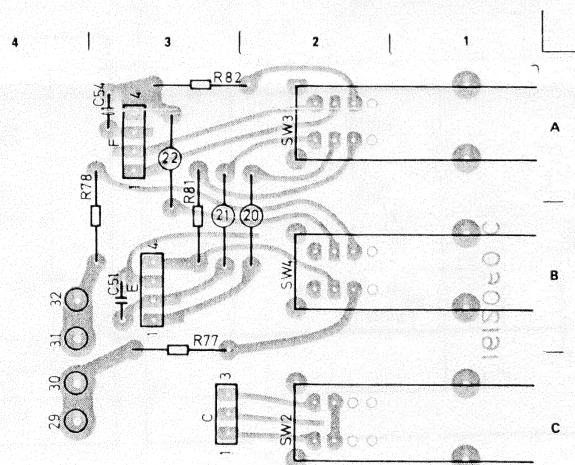




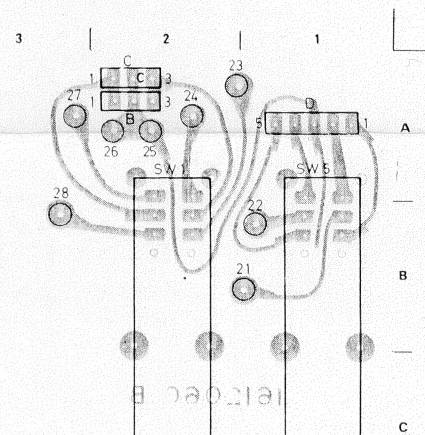
## 100 Eingangsverstärker



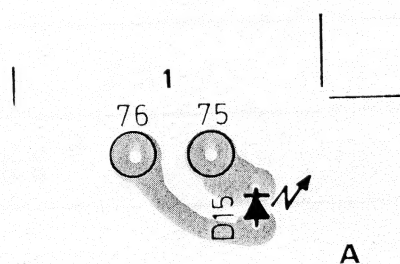
## 200 Tonregelung und Ausgangsverstärker



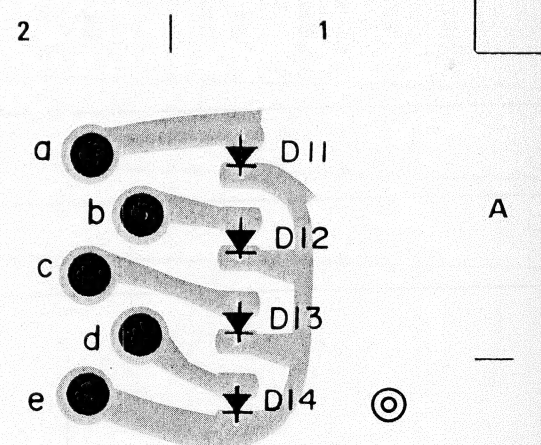
## 500 Filter und Mono/Stereo



## 600 Monitor und Klangeinstellung



**900 EIN-Anzeige**



**1000 Programmanzeige**



# **UHER VG 830 stereo VOR-VERSTÄRKER**

## **Funktionsbeschreibung Stummschaltung**

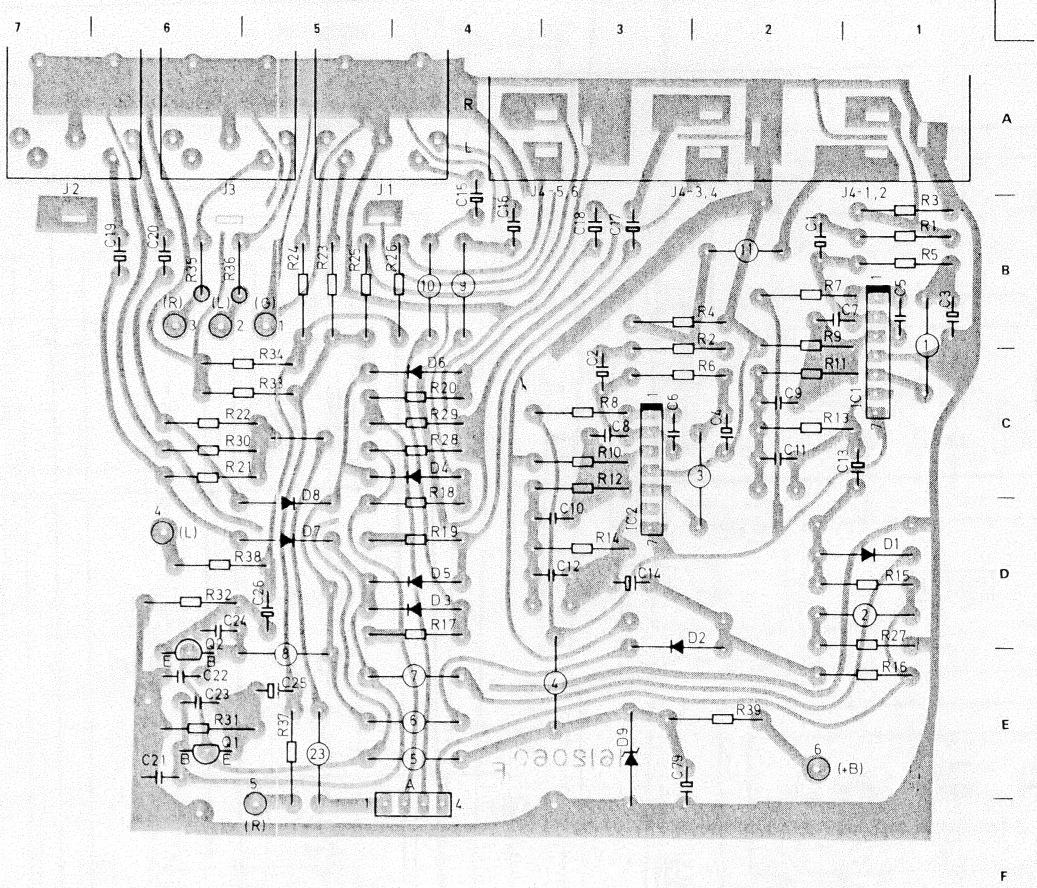
Zur Unterdrückung von Störgeräuschen bei Ein- und Ausschaltvorgängen ist der Stereo-Vorverstärker VG 830 mit einer speziellen Stummschaltung ausgestattet. Diese arbeitet wie folgt:

Nach Drücken der EIN-Taste wird C 64 über R 108 aufgeladen. Etwa 2 Sekunden lang wird Q 12 durchgesteuert. In dieser Zeit wird mit Q 13 und Q 14 der Eingang, sowie mit Q 17 und Q 18 der Ausgang des Ausgangsverstärkers stummgeschaltet. Einschaltgeräusche werden somit unterdrückt.

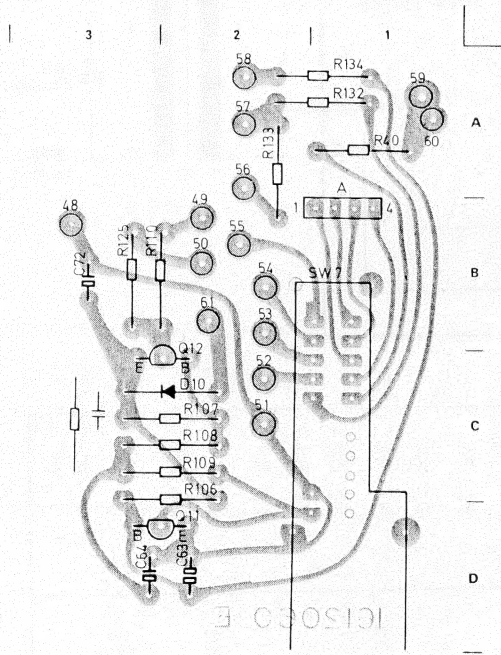
Bei jedem Schaltvorgang des PROGRAMM-Wählers wird - über die Kontakte H 1-H 2 - der Kondensator C 64 über R 109 entladen und die Stummschaltung aktiviert. Umschaltgeräusche werden unterdrückt.

Beim Abschalten des Gerätes - oder auch Ausfall der Netzspannung - wird an der Basis von Q 11 positives Potential wirksam, da sich C 73 (47  $\mu$ F) langsamer entlädt als C 77 (3,3  $\mu$ F). Über Q 11 wird die Stummschaltung mit Q 12 auch beim Abschalten des Gerätes aktiviert. Ausschaltgeräusche werden ebenfalls unterdrückt.

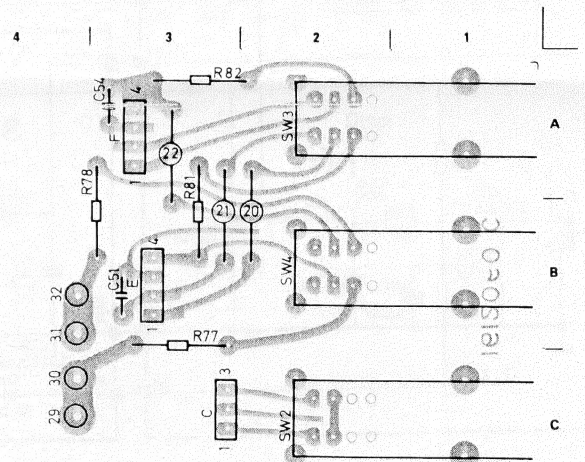
Zudem wird beim Ausschalten über Q 11 und R 109 der Kondensator C 64 entladen. Auch bei sofortigem, erneutem Einschalten des VG 830 ist die Stummschaltung wirksam.



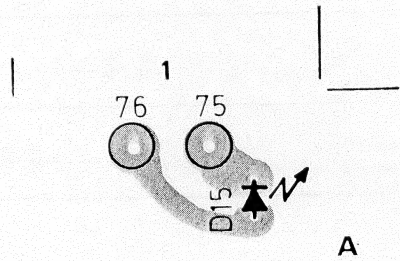
**100 Eingangsverstärker**



**400 Programmwahl**



**500 Filter und Mono/Stereo**



**900 EIN-Anzeige**